

OPINION 640

EUCERAPHIS WALKER, 1870 (INSECTA, HEMIPTERA); DESIGNATION OF A TYPE-SPECIES UNDER THE PLENARY POWERS

RULING.—(1) Under the plenary powers all designations of type-species for the nominal genus *Euceraphis* Walker, 1870, made prior to the present Ruling are hereby set aside, and the nominal species *Aphis punctipennis* Zetterstedt, 1828, is hereby designated to be the type-species of that genus.

(2) The generic name *Euceraphis* Walker, 1870 (gender : feminine), type-species, by designation under the plenary powers in (1) above, *Aphis punctipennis* Zetterstedt, 1828, is hereby placed on the Official List of Generic Names in Zoology with the Name No. 1489.

(3) The specific name *punctipennis* Zetterstedt, 1828, as published in the binomen *Aphis punctipennis* (type-species of *Euceraphis* Walker, 1870) is hereby placed on the Official List of Specific Names in Zoology with the Name No. 1830.

HISTORY OF THE CASE (Z.N.(S.) 1363)

A preliminary draft of the present case was jointly presented by Dr. D. Hille Ris Lambers and Mr. H. L. G. Stroyan in May 1955. Having been slightly amended the application was sent to the printer on 28 March 1960 and was published on 5 December 1960 in *Bull. zool. Nomencl.* 18 : 83–84. Public Notice of the possible use of the plenary powers in the present case was given in the same part of the *Bulletin* as well as to the other prescribed serial publications (*Bull. zool. Nomencl.* 4 : 51–56) and to seven entomological serials. Letters of support for the proposal were received from Dr. F. Ossiannilsson and Dr. Clyde F. Smith (*Bull. zool. Nomencl.* 18 : 194).

DECISION OF THE COMMISSION

On 2 October 1961 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (61)31 either for or against the proposals set out in *Bull. zool. Nomencl.* 18 : 84. At the close of the prescribed Voting Period on 2 January 1962 the state of the voting was as follows :

Affirmative Votes—twenty-three (23), received in the following order : Evans, Holthuis, Hemming, Munroe, Vokes, Mayr, Hering, Obruchev, Riley, Uchida, Lemche, Brinck, Bradley, Alvarado, do Amaral, Key, Jaczewski, Tortonese, Mertens, Miller, Kühnelt, Bonnet, Poll.

Negative Votes—none (0).

Voting Papers not returned—two (2) : Boschma, Prantl.

Commissioner Stoll returned a late affirmative vote.

ORIGINAL REFERENCES

The following are the original references for names placed on the Official Lists by the Ruling given in the present Opinion :

Euceraphis Walker, 1870, *Zoologist* (2) 5 : 2001

punctipennis, *Aphis*, Zetterstedt, 1828, *Ins. Lapp.* (1) : 559

CERTIFICATE

WE certify that the votes cast on Voting Paper (61)31 were cast as set out above, that the proposal set out in that Voting Paper has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 640.

N. D. RILEY

Secretary

W. E. CHINA

Assistant Secretary

International Commission on Zoological Nomenclature

London

29 January 1962

COMMENTS ON THE PROPOSAL CONCERNING THE FAMILY NAME
BASED ON *APHIS*. Z.N.(S.) 881

(see vol. 18, pages 177-180 and vol. 19, pages 195-198)

By D. Hille Ris Lambers (*Bennekom, The Netherlands*)

It appears that competent authorities agree that the word "aphis" is not known in classical Greek or Latin and that there is disagreement whether the genitive "aphios" in late mediaeval dictionaries is an error or not.

Linnaeus, the first author to use the generic name *Aphis*, used "Aphides" repeatedly as a plural. From the point of nomenclature any combination of letters can, with some exceptions that are not relevant, be used as a generic name. I move that the generic name *Aphis* L., 1758, be considered an arbitrary combination of letters, and that the stem "Aphid-", introduced by Linnaeus, the inventor of the generic name *Aphis*, be accepted. This automatically leads to the family name APHIDIDAE.

I further recommend that, whenever there is a difference of opinion on the choice of stem for the formation of family names, the International Commission should let itself be guided primarily by such indication of a stem as the author who introduced the relevant generic name gave, even if this should be in conflict with classical Latin and Greek. Only in those cases where no indication of a stem by the author of the relevant generic name is available should other arguments be taken into consideration.

By James B. Kring (*The Connecticut Agricultural Experimental Station,
New Haven, Connecticut*)

While I realize the due date for comment on this case is past, I should still like to comment in favour of the family name Aphidae for this group of insects. It is the only logical application of the rules, where *Aphis* is used as the base of the family name. I recommend that name APHIDAE be placed on the Official List of Family-Group Names and that the name APHIDIDAE be rejected.

By Esmat A. Elkady (*Ain Shams University, Cairo, Egypt*)

I would like to inform you that I agree and support Dr. Russell's views supporting the opinion of replacing the family name of Aphids, APHIDIDAE by APHIDAE.